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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/044,346	01/11/2002	Bruces S. McLean	7678.585	9698

7590

06/23/2003

RICK D. NYDEGGER  
WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, UT 84111

EXAMINER

HARRINGTON, ALICIA M

ART UNIT

PAPER NUMBER

2873

DATE MAILED: 06/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Interview Summary

Application No.

10/044,346

Applicant(s)

MCLEAN ET AL.

Examiner

Alicia M Harrington

Art Unit

2873

All participants (applicant, applicant's representative, PTO personnel):

(1) Alicia M Harrington.

(3) \_\_\_\_\_.

(2) Mr. Gynn.

(4) \_\_\_\_\_.

Date of Interview: 10 June 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference

c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1.

Identification of prior art discussed: Kanca (US 4,666,406).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See attached

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.



Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Guynn stated the applicants position on the applied reference of Kanca as is relates to the claimed light source. Mr. Guynn stated that amending the claims to recite a light generating means is different from the light source of Kanca, since a light generating mean produces the light unlike the optical fiber light source of Kanca. Specifically, Mr Guynn states the optical fiber of Kanca is a conduit of light but does not produce light. The Examiner respectfully disagreed with Mr. Guynn, specifically the Examiner believes a "light generating source" can still be the optical fiber of Kanca as claimed. And the Examiner advised Mr. Guynn to find a way to claim the LED light source next to lens since applicant states this combination is novel to this type of device.

**Harrington, Alicia**

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**From:** mfredsham@wnspatent.com  
**Sent:** Wednesday, June 04, 2003 6:08 PM  
**To:** alicia.harrington@uspto.gov; jjenkins@wnspatent.com  
**Subject:** 7678.585-Proposed.Amendments

Hello Alicia,

Thank you for taking the time this morning to schedule a telephone interview for Monday, June 9, 2003 at 2:00 PM EST (12:00 PM MST), regarding:

OPTICAL LENS USED TO FOCUS LED LIGHT  
USPTO Application Number: 10/044,346  
WNS File #: 7678.585

Enclosed is an attached Microsoft Word file having claim amendments that we feel should address the concerns you raised in your most recent Office Action (Feb. 11, 2003).

If you have any questions, please do not hesitate to call me at the contact information that follows; or to call Jens Jenkins at 801-533-9800.

Thanks,

Michael J. Frodsham  
WORKMAN, NYDEGGER & SEELEY  
60 East South Temple, Suite 1000  
Salt Lake City, UT 84111  
(801) 321-8854  
(801) 328-1707 (fax)  
[mfredsham@wnspatent.com](mailto:mfredsham@wnspatent.com)

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

6/9/03

*Proposed New Amendments Pursuant to Telephone Interview on June 9, 2003*

WNS File No. 7678.585

Filed: January 11, 2002

Serial Number: 10/044,346

**OPTICAL LENS USED TO FOCUS LED LIGHT**

1. (Currently Amended) An optical device for focusing light emitted from a light-generating source of a dental instrument, the optical device comprising:

a light generating source configured to generate and radiate light;

a lens having a first end that is substantially flat and a second end that is curved, wherein the substantially flat first end is configured for receiving light from the light-generating source, and wherein the curved second end is configured for focusing the light received by the first end; and

means for holding the first end of the lens adjacent to the light-generating source; and

means for protecting the lens from contact.

31. (Currently Amended) A dental curing light comprising:

a main body portion;

an extension arm attached to the main body portion, the extension arm having an end distal to the main body portion that is suitable for placement into a mouth of a patient;

a light--generating source disposed at the end of the extension arm distal to the main body portion; and

a lens removably attached to the end of the extension arm distal to the main body portion and positioned adjacent to the light-generating source so as to focus light emitted by the light generating source.